

SECTION 5 200A LOAD BREAK ELBOW

Overview



More insulation. That's what makes our Load Break Elbow better than other similar products on the market today. Additional insulation makes our elbow more reliable, enabling it to outlast competitors' pieces while keeping it competitively priced.

Richards is committed to discovering new ideas that will improve our products and increase their safety and reliability for our customers. Our 200 Amp Load Break Elbow is proof of this commitment.

We do more testing than industry standards require. IEEE 386 requires either Impulse or AC Withstand. We run both on all of our products.

Richards 200A Load Break Elbow was designed and validated against the following industry standards:

- ANSI/IEEE Std 386: For Separable Insulated Connector Systems
- ANSI C119.4: For Electric Connectors
- IEEE Std 592: For Exposed Semiconducting Shields

PRODUCT RATINGS

Voltage Class, Phase-to-Phase	15kV
Maximum Operating Line-to-Ground Voltage	8.3kV
Corona Voltage Level – (partial discharge extinction voltage)	11kV
AC Withstand, 1 minute	34kV
DC Withstand, 15 minutes	53kV
Impulse-Withstand Voltage – (BIL)	95kV
Continuous Current (600A Side)	
Continuous Current - Aluminum or Copper	200A
Short Time Current - Aluminum or Copper	3.5 kA, 3 sec. & 10 kA, 10 c.

All 200A connector components are 100% tested as follows:

Voltage Class, Phase-to-Phase	15kV
Impulse-Withstand Voltage – (BIL)	110kV
Corona Voltage Level – (partial discharge extinction voltage)	13kV
AC Withstand, 1 minute	34kV